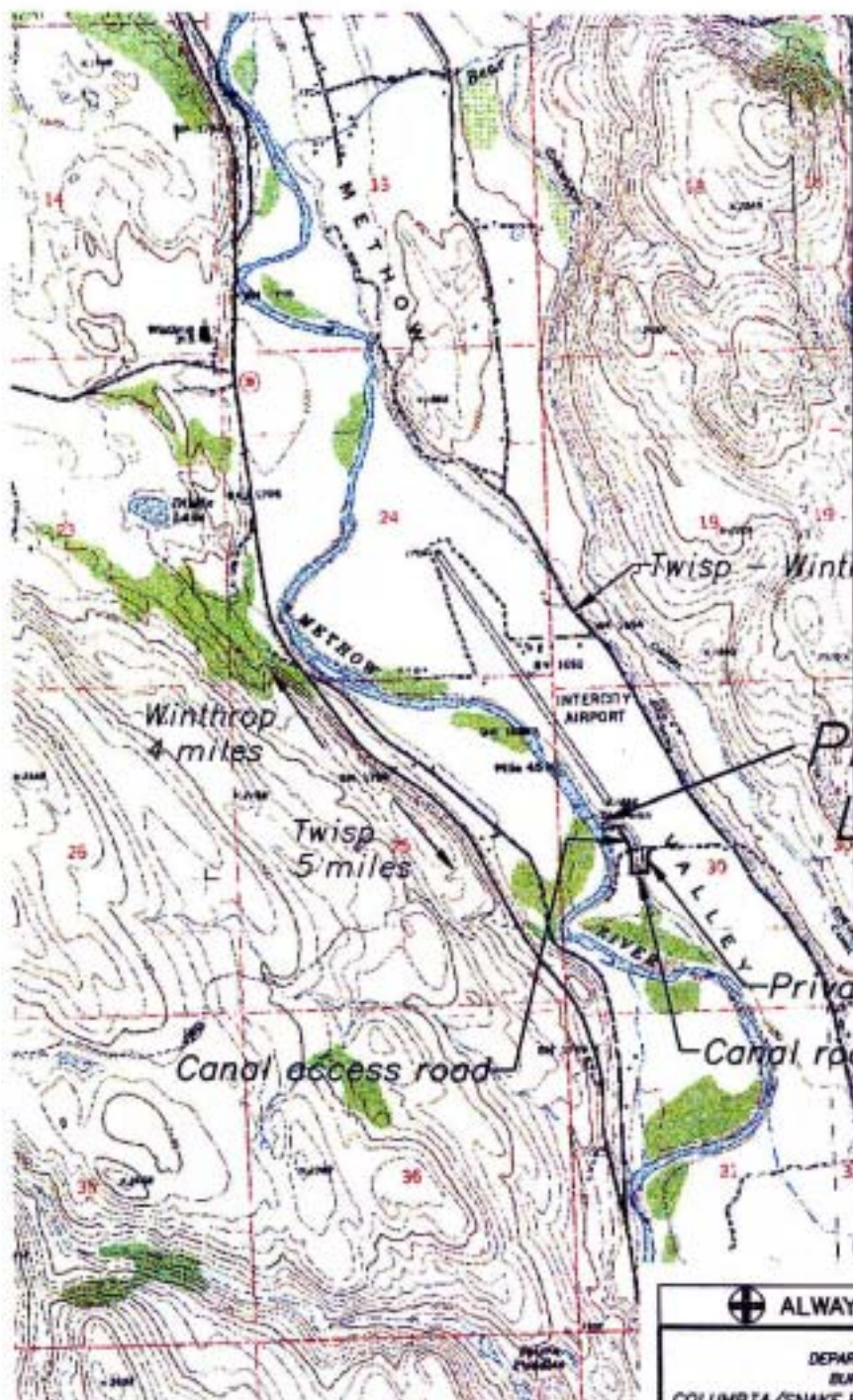


APPENDIX C
MVID East Fish Screen Designs



0 1 1.5
SCALE OF MILES

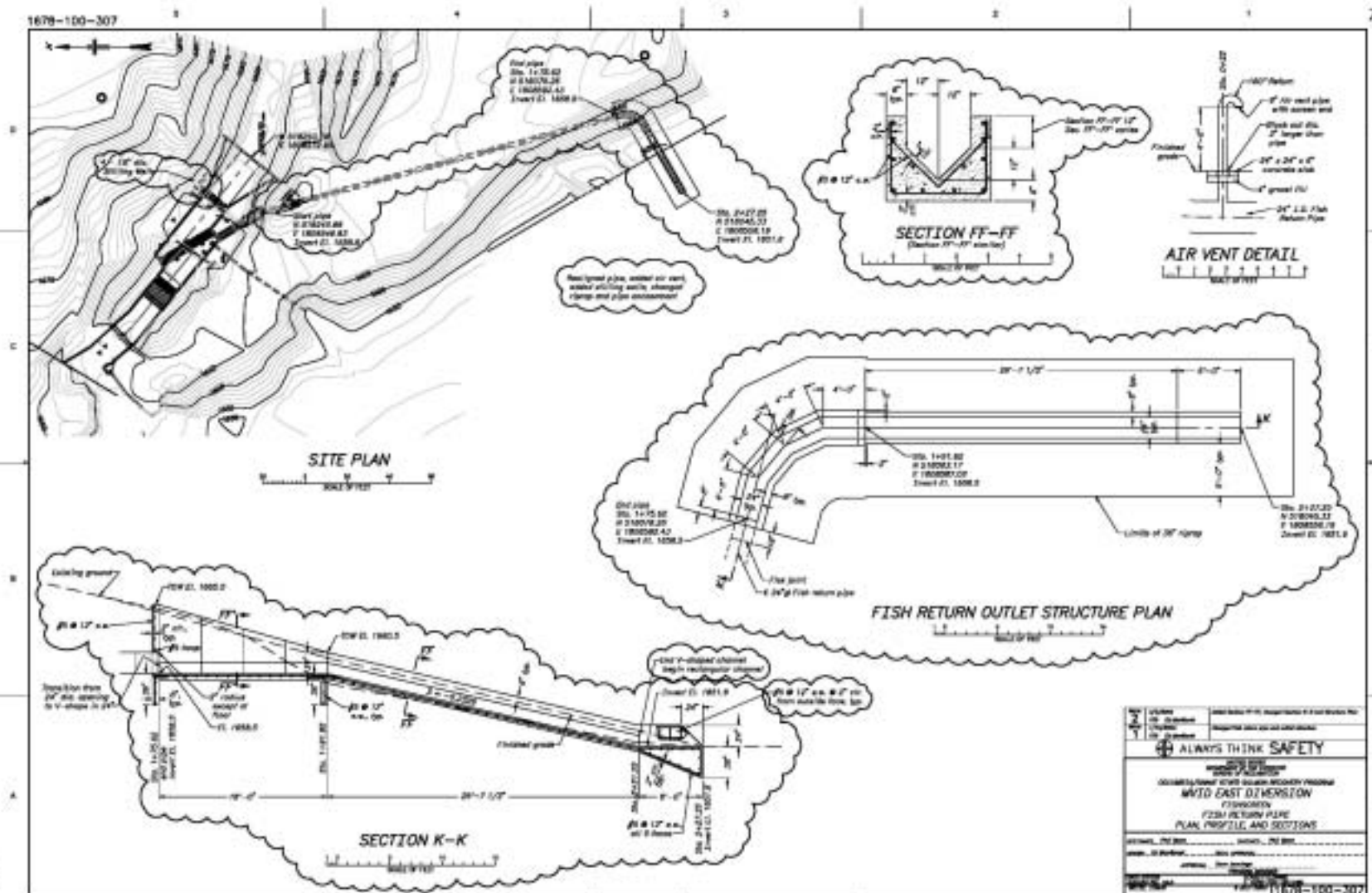


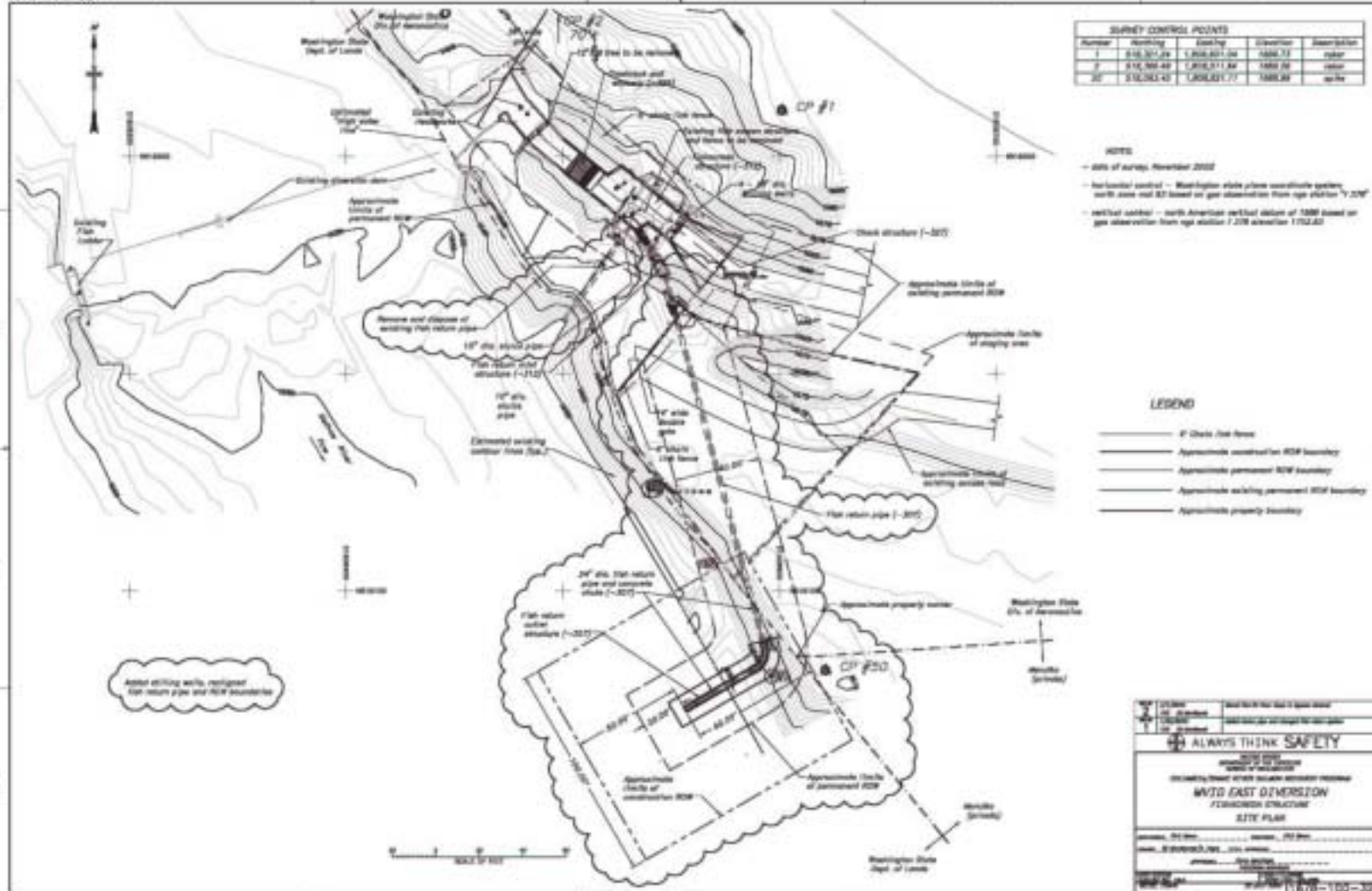
ALWAYS THINK SAFETY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION
COLUMBIA/SNAKE RIVER SALMON RECOVERY PROGRAM
MVID EAST DIVERSION
LOCATION MAP

DESIGNED	TECH. APPROVAL
DRAWN G.Grooms	SUBMITTED
CHECKED	APPROVED
REGIONAL ENGINEER	
CADD SYSTEM AutoCAD Ref. 15.06	CADD FILENAME 1678-100-305.DWG
BOISE, IDAHO	MAY 1, 2003 1678-100-305







Panel No. : MYID PPM		Section :		BUS: 240/120 Volts		<input checked="" type="checkbox"/> Main Ckt. Breaker		225 AMP	
Location : MYID - East		Serving : Fishscreen		1 PH 3 WIRE 200 AMP		<input type="checkbox"/> Main Lugs Only			
Fully Rated SCT 10,000 RMS SY5 AMPS		<input type="checkbox"/> Feed Through Lugs		<input type="checkbox"/> Isolated Ground Bus		<input type="checkbox"/> Flush Mount		<input type="checkbox"/> Top Feed	
		<input type="checkbox"/> Subfeed Lugs				<input checked="" type="checkbox"/> Surface Mount		<input checked="" type="checkbox"/> Bottom Feed	

LOAD TYPE	CIRCUIT DESCRIPTION	CONN. VA	C.B.			PH	C.B.			CONN. VA	CIRCUIT DESCRIPTION	LOAD TYPE
			AMP	POLE	CKT		CKT	POLE	AMP			
M	SCREEN MOTOR	741	20	2	1	N/A	2	2	20	741	SCREEN MOTOR	M
M	— " —	741	20	2	3	N/A	4	2	20	741	— " —	M
M	SCREEN MOTOR	741	20	2	5	N/A	6	2	20	741	SCREEN MOTOR	M
M	— " —	741	20	2	7	N/A	8	2	20	741	— " —	M
R	GFCI RECEPTACLE	1800	20	1	9	N/A	10	1	20	1820	SPARE	
	SPARE	1820	20	1	11	N/A	12	1	20	1820	SPARE	
	SPARE	1820	20	1	13	N/A	14	1	20	1820	SPARE	
	Space				15	N/A	16				Space	
	Space				17	N/A	18				Space	
	Space				19	N/A	20				Space	
	Space				21	N/A	22				Space	
	Space				23	N/A	24				Space	
	Space				25	N/A	26				Space	
	Space				27	N/A	28				Space	
	Space				29	N/A	30				Space	
	Space				31	N/A	32				Space	
	Space				33	N/A	34				Space	
	Space				35	N/A	36				Space	
	Space				37	N/A	38				Space	
	Space				39	N/A	40				Space	
	Space				41	N/A	42				Space	

Total Receptacle (R) Load @ 180W/each = 100% for first 10KW & 50% for remainder:		KVA	
Total Non-coincident (E) Load:	KVA	Total Heating (H) Load:	KVA
Total Lighting (L) Load @ 125W:	KVA	Total Non-continuous (N) Load:	KVA
Total Motor (M) Load:	KVA	Largest Motor (25% added to demand load):	HP KVA

TOTAL CONNECTED LOAD:	CONNECTED AMP	A	B	C	TOTAL DEMAND LOAD	AMP	KVA
	Total Amp / PH:						

1. Fill only your working section.

ALWAYS THINK SAFETY

SAFETY RULES
 ALWAYS WEAR YOUR SAFETY GEAR
 ALWAYS USE THE CORRECT TOOLS
 ALWAYS FOLLOW THE ELECTRICAL CODE
 ALWAYS THINK SAFETY

MYID - EAST FISHSCREEN

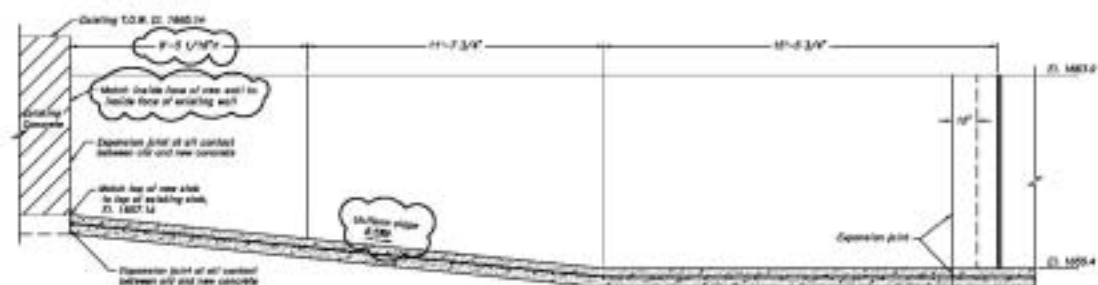
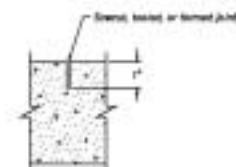
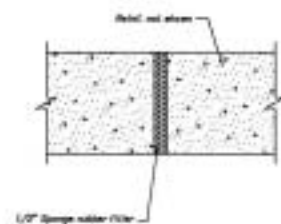
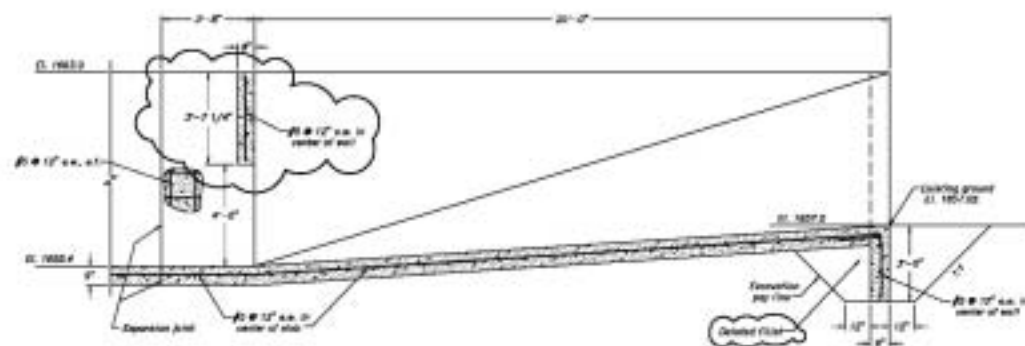
ELECTRICAL INSTALLATION

PANEL SCHEDULE

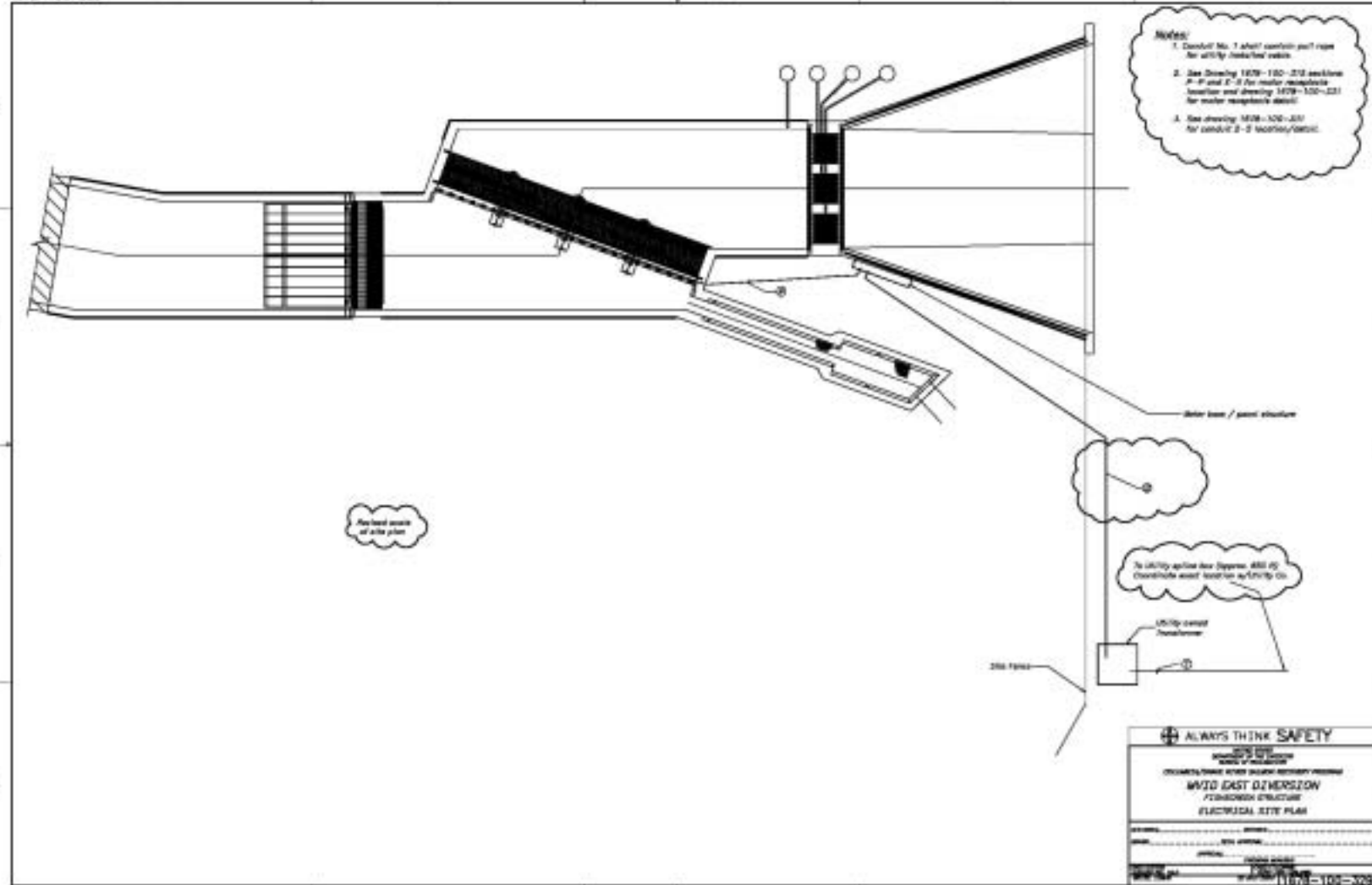
DATE: _____

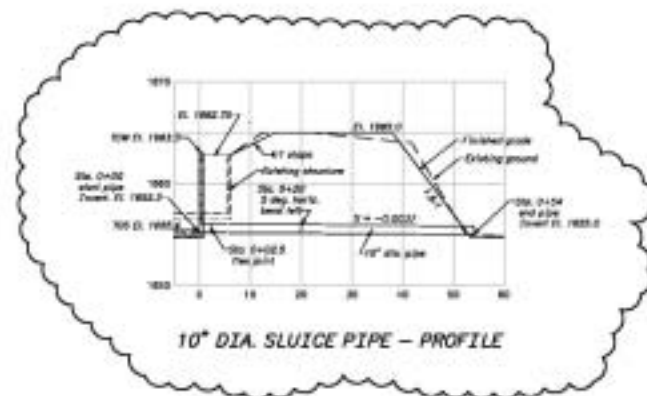
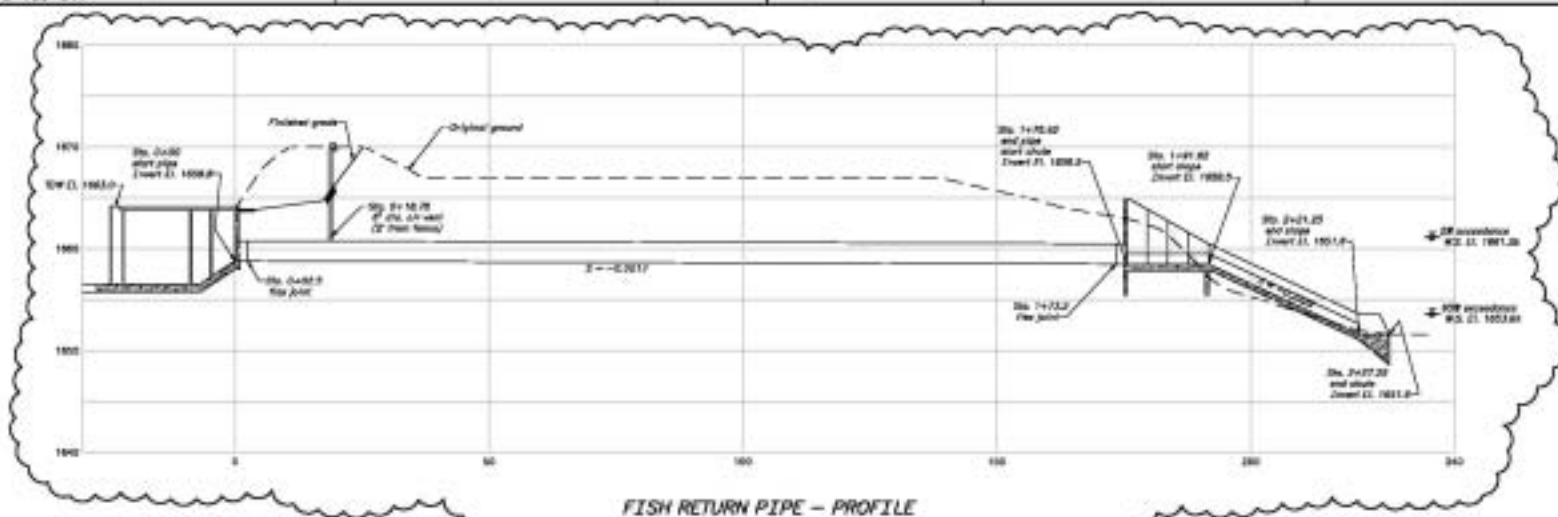
BY: _____

1678-100-330

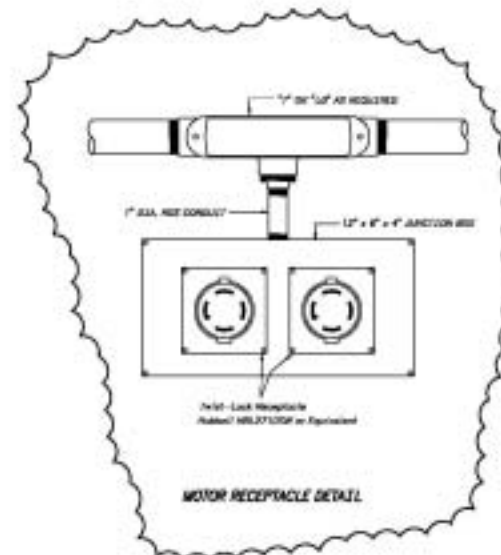
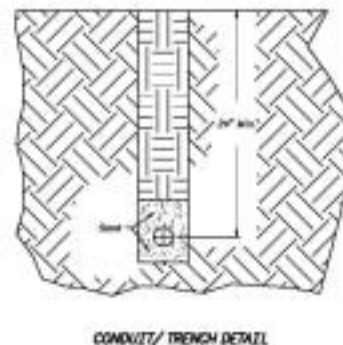
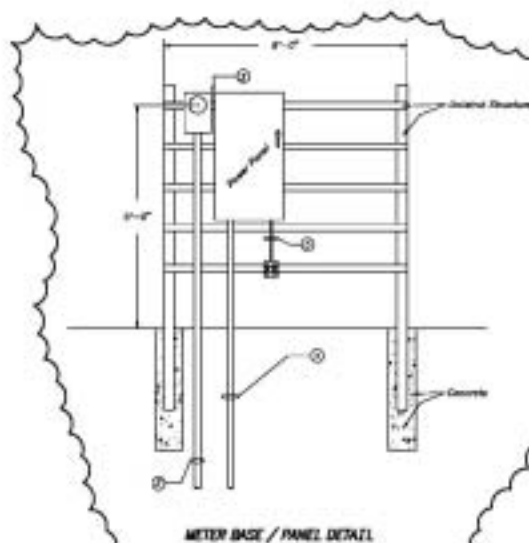


NOTE:
 Runways constructed or constructed joint
 (RT) runs, opening in walls and floor
 between separate joints, in section C-2 only





ALWAYS THINK SAFETY SAFETY COLUMBIA/TOMAHAWK RIVER SLUICE DIVERSION PROJECT MVZD EAST DIVERSION FISH RETURN PIPE AND SLUICE PIPE PROFILES	
DATE:	10/10/00
BY:	10/10/00
APP'D:	10/10/00
REVISED:	10/10/00
PROJECT NO.:	187B-100-344



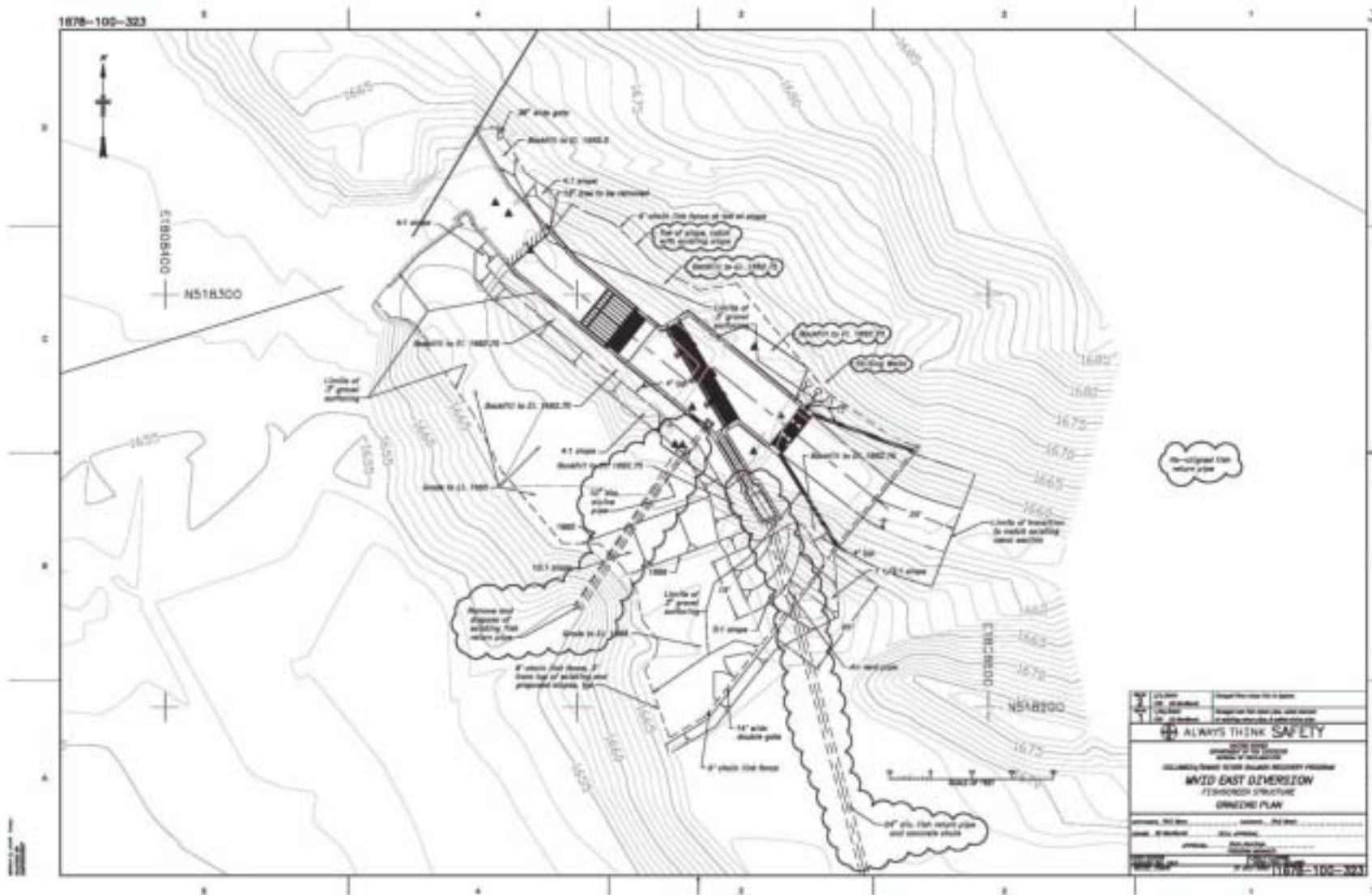
CONDUIT & CABLE SCHEDULE

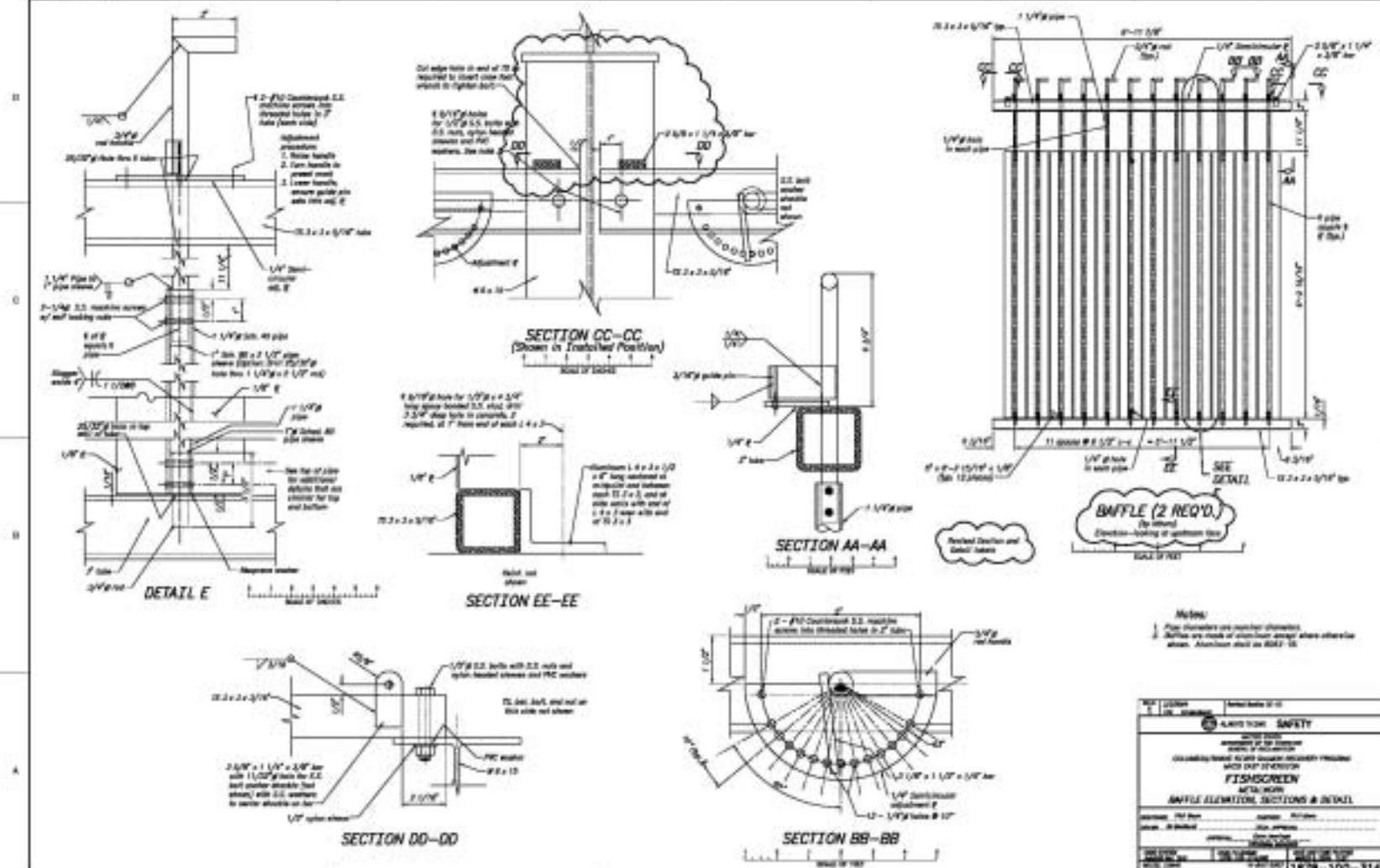
Conduit No.	Cable	Conduit Size	From	To	Remarks
1	(By OTHERS)	2"	UTILITY SPLICE	UTILITY XPMR	UTILITY INSTALLED CABLE
2	5-10 No. 3/0	2"	UTILITY XPMR	METER BASE	BURIED/SURFACE MOUNT
3	4-10 No. 3/0 No. 4 GRND	2"	METER BASE	PANEL	NIPPLE
4	12-10 No. 10	1-1/2"	PANEL	MOTOR RECEPTACLES	EMBEDDED/BURIED/SURFACE
5	5-10 No. 12	3/4"	PANEL	RECEPTACLES	SURFACE

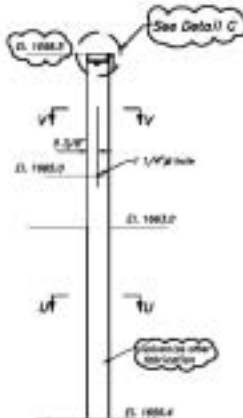
Notes:

1. Conduit No. 1 Shown on drawing 1878-100-331
2. Panel Ident. Panel Mounting Location
3. Provide Motor Plug (Subject to UL2500 or Equivalent) to Match Receptacle

SAFETY	
WARNING: BE AWARE OF THE LOCATION OF ALL CABLES AND CONDUITS	
DO NOT TOUCH ANY CABLES OR CONDUITS	
MVED - EAST FISHSCREEN	
ELECTRICAL INSTALLATION	
CONDUIT SCHEDULE & DETAILS	
DATE: _____	BY: _____
TIME: _____	DATE: _____
TIME: _____	DATE: _____







SECTION Q-Q

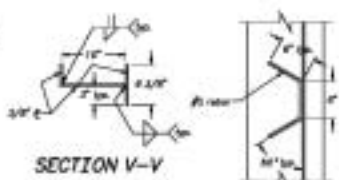
Figure 1 shows that Figure 2 shows the trend



SECTION U-U

Diagram of the back of the antenna. It shows a central square mounting plate with four feed lines extending from its corners. Labels indicate: "2 bare lead conductors plug into slots" pointing to the top and bottom feed lines, and "1/4\" x 1/4\" x 1/8\" plate for mechanical support and plug mounts. Weld to handset lead and antenna." pointing to the central plate.

SECTION X-X



SECTION W-W'

SECTION V-V

[illegible]